

| magnetic filed/gauss | Thickness of miu-metal/layer |
|----------------------|------------------------------|
|----------------------|------------------------------|

|    |   |
|----|---|
| 0  | 0 |
| 20 | 1 |
| 20 | 2 |
| 20 | 3 |
| 20 | 4 |
| 20 | 5 |
| 20 | 0 |
| 20 | 0 |
| 20 | 0 |
| 20 | 0 |
| 20 | 0 |

magnetic filed change from 20gauss to 50 gauss  
Step=2 gauss at 30-40gauss region

overshooting length /cm

relative gain

0

1

0

0

0

0

0

1

2

3

4

5